

1720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244 East 11115 Montgomery, Suite B, Spokane, WA 99206-4776 9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

(425) 420-9200 420-9210 924-9290 (509) 924-9200

(503) 906-9200

FAX 906-9210 (541) 383-9310 FAX 382-7588

CHAIN OF	CUSTODY	REPORT
----------	---------	--------

M106077 Work Order #:

CLIENT: BRISTOL						INVOICE TO:						TURNAROUND REQUEST in Business Days*								
REPORT TO: AME KRANAWETTER				BRISTOL								Organic & Inorganic Analyses								
ADDRESS: AMCHITKA ISLAND, ALASKA														10 7 5 4 3 2 1 <1						
PHONE: 907.770					P.O. N	UMBE	R: 2	109	0		:					4		-	< 1	
PROJECT NAME: AM								ED ANA							ST	D.	Ple	ease Specify		
PROJECT NUMBER: 20	90			1 2												ОТН		use opecity		
SAMPLED BY:	x/cem	9											-		*Turnar	ound Requests	less than star	ndard may incur Ru	sh Charge	es.
CLIENT SAMPLE	SAMPLING	3													MATRIX	# OF			N	ICA WO
IDENTIFICATION	DATE/TIME	7													(W, S, O)	CONT.	C	OMMENTS		ID
1.01Am 86065Z	6/25/01 1605	V	*				-	10000							5	**************************************				
2.01AmB607SL		~													S	1				
3.01 AMB6085L		~													S	-				
4.																				
5.																				
6.																				
7.																				:
8.																				
9.																, .				•
10.																				
11.																				
12.												4								
13.																				
14.																				4
15.	Contraction of the Contraction o										~ (Λ.		and the second s				_	1
REELITORISHED DT.	The state of the s	00.	Canagaran	n 1	DATE:	6/2	501	RECEI	VED BY	a	degl	Des	yle	0	lle FIRM:	NY		D.	ATE:	10/56
PRINT NAME: Chilie ha	Slug FIRM:	DKI	511		TIME:	182	1		NAME:			CI	ach	May	X V FIRM:	100.	1		IME:	27
RELINQUISHED BY:					DATE:				VED BY	·:									ATE:	
PRINT NAME:	FIRM:				TIME:			PRINT	NAME:						FIRM:			T	IME:	
ADDITIONAL REMARKS:	Non-Reculat	ed																TEMP: 63°C	PAGE	OF \



425.420.9200 fax 425.420.9210

Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776 509.924.9200 fax 509.924.9290

Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132

503.906.9200 fax 503.906.9210 **Bend** 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

541.383.9310 fax 541.382.7588

6 December, 2001

Anne Kranawetter Bristol Environmental & Engineering 2000 W International Airport C#1 Anchorage, AK 99502-1116

RE: Amchitka

Enclosed are the results of analyses for samples received by the laboratory on 06/25/01 18:22. If you have any questions concerning this report, please feel free to contact me.

This report was recreated from a previously issued final report in order to provide an electronic copy. The final report used for these electronic copies may have been previously issued as an amended report due to client requested changes to sample names, etc. No data has changed since submission of the previously issued final, or amended, report.

Sincerely,

Stephen Wilson

Environmental Group Leader

112

Work Orders included in this report:

M106077



Reported:

425.420.9200 fax 425.420.9210

Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776

509.924.9200 fax 509.924.9290

Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132 503.906.9200 fax 503.906.9210

Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711 541.383.9310 fax 541.382.7588

Bristol Environmental & Engineering Project: Amchitka 2000 W International Airport C#1 Project Number: 21090

Anchorage, AK 99502-1116 Project Manager: Anne Kranawetter 06/27/01 13:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
01AMB606SL	M106077-01	Soil	06/25/01 16:05	06/25/01 18:22
01AMB607SL	M106077-02	Soil	06/25/01 16:10	06/25/01 18:22
01AMB608SL	M106077-03	Soil	06/25/01 16:15	06/25/01 18:22

C. O. C. # 113

North Creek Analytical - Mobile Lab



425.420.9200 fax 425.420.9210

Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776 509.924.9200 fax 509.924.9290

Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132 503.906.9200 fax 503.906.9210

Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

541.383.9310 fax 541.382.7588

Bristol Environmental & Engineering 2000 W International Airport C#1

Project: Amchitka
Project Number: 21090

Reported:

Anchorage, AK 99502-1116

Project Manager: Anne Kranawetter

06/27/01 13:11

Hydrocarbon Identification per NW-TPH Methodology North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	n Method	Prepared	Analyzed	Batch	Notes
01AMB606SL (M106077-01) Soil					Sampled: 06/2	25/01 Rece	eived: 06/25/0	01	
Gasoline Range Hydrocarbons	ND	10.0	mg/kg	1	NWTPH HCIE	06/25/01	06/26/01	0106089	
Diesel Range Hydrocarbons	ND	25.1	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	50.1	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	98.0 %	50-150							
01AMB607SL (M106077-02) Soil					Sampled: 06/2	25/01 Rece	eived: 06/25/0	01	
Gasoline Range Hydrocarbons	ND	9.74	mg/kg	1	NWTPH HCIE	06/25/01	06/26/01	0106089	
Diesel Range Hydrocarbons	ND	24.3	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	48.7	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	110 %	50-150							
01AMB608SL (M106077-03) Soil					Sampled: 06/2	25/01 Rece	eived: 06/25/0	01	
Gasoline Range Hydrocarbons	ND	9.78	mg/kg	1	NWTPH HCIE	06/25/01	06/26/01	0106089	
Diesel Range Hydrocarbons	ND	24.5	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	48.9	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	102 %	50-150							

North Creek Analytical - Mobile Lab



425.420.9200 fax 425.420.9210

Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776 509.924.9200 fax 509.924.9290

Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132

503.906.9200 fax 503.906.9210 **Bend** 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

541.383.9310 fax 541.382.7588

Bristol Environmental & Engineering 2000 W International Airport C#1

Project: Amchitka
Project Number: 21090

Reported:

Anchorage, AK 99502-1116

Project Manager: Anne Kranawetter

06/27/01 13:11

Hydrocarbon Identification per NW-TPH Methodology - Quality Control

North Creek Analytical - Mobile Lab

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 0106089 - TPH-HCID (WA)

Blank (0106089-BLK1)				Prepared: 06/2	5/01 Analyzed: 06/26/01	
Gasoline Range Hydrocarbons	ND	10.0	mg/kg			
Diesel Range Hydrocarbons	ND	25.0	"			
Heavy Oil Range Hydrocarbons	ND	50.0	"			
Surr: 1-Chlorooctadecane	9.51		"	10.0	95.1 50-150	

North Creek Analytical - Mobile Lab



425.420.9200 fax 425.420.9210

Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776

509.924.9200 fax 509.924.9290

Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132

503.906.9200 fax 503.906.9210 **Bend** 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711 541.383.9310 fax 541.382.7588

Bristol Environmental & Engineering Project: Amchitka

Reported:

06/27/01 13:11

Anchorage, AK 99502-1116 Project Manager: Anne Kranawetter

Notes and Definitions

Project Number: 21090

DET Analyte DETECTED

2000 W International Airport C#1

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis. MRLs are adjusted if %Solids are less than 50%.

wet Sample results reported on a wet weight basis (as received)

RPD Relative Percent Difference

North Creek Analytical - Mobile Lab

Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Report recreated from:
			\\sisters\elmnt\Report\M106077 FINAL 06 27 01
			1311.mdb
			Default Report (not modified)